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PTO/SB/21 (07-06)

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Total Number of Pages in This Submission

Application Number 10/759,466

Filing Date JUNE 15, 2004

First Named Inventor MAZZAGATTI ET AL

Art Unit 2171

Examiner Name UNKNOWN

Attorney Docket Number TN320

ENCLOSURES (Check all that apply)

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Firm Name	Unisys Corporation		
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Printed name	MARK T. STARR		
Date	August 18, 2006	Reg. No.	28,762

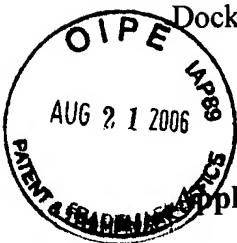
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Docket No. TN320

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Jane C. Mazzagatti et al. : **Group Art Unit:** 2171
Customer No.: 27276 : **Examiner:** Unknown
Serial No.: 10/759,466 : **Confirmation No.** 9629
Filed: January 16, 2004 :
For: SAVING AND RESTORING AN INTERLOCKING TREES

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Pursuant to 37 C.F.R. §§ 1.97 and 1.98 and to the duty of disclosure set forth in 37 C.F.R. § 1.56, the Examiner in charge of the above-identified application is requested to consider and make of record the references listed on the PTO 1449 submitted herewith. A copy of each of the listed references is also enclosed.

Although the information submitted herewith may be "material" to the Examiner's consideration of the subject application, this submission is not intended to constitute an admission that such information is "prior art" as to the claimed invention.

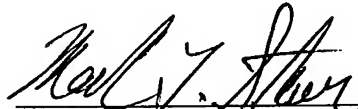
In accordance with 37 C.F.R. § 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made.

No first Official Action on the merits has yet been received and it is presumed that none has yet been mailed. No fee or certification is required under 37 C.F.R. §1.97(b)(3); however, the

Commissioner for Patents is hereby authorized to charge any payment required to Deposit Account No. 19-3790 if any fees are required with this communication.

Dated: August 18, 2006

Respectfully submitted,



Mark T. Starr
Reg. No. 28,762

Encls: PTO Form 1449,
Copy of 9 References

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				Application Number	10/759,466
				Filing Date	1/16/2004
				First Named Inventor	Jane C. Mazzaqatti
				Group Art Unit	2171
				Examiner Name	Not assigned
Sheet 1 of 4				Attorney Docket Number	TN320

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code (if known)		
		2002/0124003	A1	Rajasekaran et al.	09-05-2002
		2002/0138353	A1	Schreiber et al.	09-26-2002
		2002/0188613	A1	Chakraborty et al.	12-12-2002
		2002/0194173	A1	Bjornson et al.	12-19-2002
		2003/0033279	A1	Gibson et al.	02-13-2003
		2003/0093424	A1	Chun et al.	05-15-2003
		2003/0115176	A1	Bobroff et al.	06-19-2003
		2003/0120651	A1	Bernstein	06-26-2003
		2003/0204513	A1	Bumbulis	10-30-2003
		2003/0204515	A1	Shadmon et al.	10-30-2003
		2004/0107186	A1	Najork et al.	06-03-2004
		2004/0133590	A1	Henderson et al.	07-08-2004
		2004/0143571	A1	Bjornson et al.	07-22-2004
		2004/0230560	A1	Elza et al.	11-18-2004
		2004/0249781	A1	Anderson	12-09-2004
		2005/0015383	A1	Harjanto	01-20-2005
		2005/0050054	A1	Clark et al.	03-03-2005
		2005/0071370	A1	Atschul et al.	03-31-2005
		2005/0080800	A1	Parupudi et al.	04-14-2005
		2005/0097108	A1	Wang et al.	05-05-2005
		2005/0102294	A1	Coldewey	05-12-2005
		2005/0149503	A1	Raghavachari	07-07-2005
		2005/0171960	A1	Lomet	08-04-2005

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	T
		Office	Number	Kind Code (If known)			
		EP	0 079 465		Glickman	01-23-1985	

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		Number	Kind Code (if known)				
		2005/0262108	A1	Gupta	11-24-2005		
		4,286,330		Isaacson	08-25-1981		
		5,245,337		Bugajski	09-14-1993		
		5,293,164		Bugajski	03-08-1994		
		5,592,667		Bugajski	01-07-1997		
		5,630,125		Zellweger	05-13-1997		
		5,829,004		Au	10-27-1998		
		5,963,965		Vogel	10-05-1999		
		5,966,709		Zhang	10-12-1999		
		5,978,794		Agrawal et al.	11-02-1999		
		5,983,232		Zhang	11-09-1999		
		6,018,734		Zhang	01-25-2000		
		6,029,170		Garger	02-22-2000		
		6,031,993		Andrews et al.	02-29-2000		
		6,102,958		Meystel	08-15-2000		
		6,115,715		Traversat et al.	09-05-2000		
		6,138,115		Agrawal et al.	10-24-2000		
		6,138,117		Bayardo	10-24-2000		
		6,160,549		Touma et al.	12-12-2000		
		6,275,817		Reed et al.	08-14-2001		
		6,278,987		Reed et al.	08-21-2001		
		6,286,002	B1	Axaopoulos et al.	09-04-2001		
		6,341,281	B1	MacNicol et al.	01-22-2002		
FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	T
		Office	Number	Kind Code (if known)			
		WO	95/17783		Smith	06-29-1995	
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				Application Number	10/759,466		
Sheet 3 of 4				Filing Date	1/16/2004		
				First Named Inventor	Jane C. Mazzagatti		
				Group Art Unit	2171		
				Examiner Name	Not assigned		
				Attorney Docket Number	TN320		
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Examiner Initials*	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY		
		Number	Kind Code (if known)				
		6,360,224	B1	Chickering	03-19-2002		
		6,381,600	B1	Lau	04-30-2002		
		6,453,314	B1	Chan et al.	09-17-2002		
		6,389,406		Reed et al.	05-14-2002		
		6,394,263		McCrary	05-28-2002		
		6,470,277	B1	Chin et al.	10-22-2002		
		6,473,757	B1	Garofalakis et al.	10-29-2002		
		6,499,026	B1	Rivette et al.	12-24-2002		
		6,505,184		Reed et al.	01-07-2003		
		6,581,063	B1	Kirkman	07-17-2003		
		6,604,114	B1	Toong et al.	08-05-2003		
		6,615,202	B1	Ding et al.	09-02-2003		
		6,624,762	B1	End, III	09-23-2003		
		6,662,185	B1	Stark et al.	12-09-2003		
		6,681,225	B1	Uceda-Sosa et al.	01-20-2004		
		6,684,207	B1	Greenfield et al.	01-27-2004		
		6,691,109	B2	Bjornson et al.	02-10-2004		
		6,745,194	B2	Burrows	06-01-2004		
		6,748,378	B1	Lavender et al.	06-08-2004		
		6,760,720	B1	De Bellis	07-06-2004		
		6,769,124	B1	Schoening et al.	07-27-2004		
FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	T
		Office	Number	Kind Code (if known)			
		WO	02/063498		Longshaw	08-15-2002	
OTHER DOCUMENTS - NON PATENT LITERATURE DOCUMENTS							
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		GSCHIA-YUAN TENG & DAVID L. NEUHOFF, "An Improved Hierarchical Lossless Text Compression Algorithm", Proceedings 1995 Data Compression Conference					
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Sheet	4	of	4		

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code (if known)		
		6,804,688	B2	Kobayashi et al.	10-12-2004
		6,807,541	B2	Bender et al.	10-19-2004
		6,816,856	B2	Baskins et al.	11-09-2004
		6,826,556	B1	Miller et al.	11-30-2004
		6,831,668	B2	Cras et al.	12-14-2004
		6,868,414	B2	Khanna et al.	03-15-2005
		6,900,807	B1	Liongosari et al.	05-31-2005
		6,931,401	B2	Gibson et al.	08-16-2005
		6,952,736	B1	Westbrook	10-04-2005
		6,965,892	B1	Uceda-Sosa et al.	11-15-2005

FOREIGN PATENT DOCUMENTS							
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		WON KIM & MYUNG KIM, "Performance and Scalability in Knowledge Engineering: Issues and Solutions", Journal of Object-Oriented Programming, Volume 12, No. 7, pages 39-43, November/December 1999	
		JEFFREY O. KEPHART & DAVID M. CHESS, "The Vision of Autonomic Computing", T.J. Watson Research 1/2003	
		LINDA DAILEY PAULSON, "Computer System, Heal Thyself", 8/2003	
		DAVE GUSSOW, "Headline: IBM-Enterprise Storage Server Shines at Colgate Palmolive", 1/6/2003	
		CAROLINE HUMER, "IBM Creates Self-Healing Computer Unit", 1/8/2003	

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